

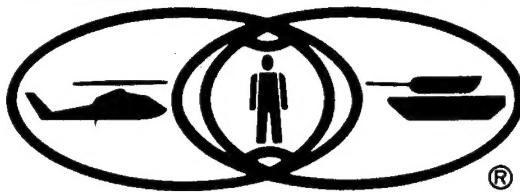
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EDITION

JULY 93

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- INDEX TO -

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About This Index

"And there I was, smack in the middle of a good free-for-all discussion and, while I just knew I was right, I couldn't remember the reference!" How many times has that happened to you when challenged to "go to the book"? Such a situation is what led Al Cargen, then an Air Safety Specialist with Aviation Division, Headquarters, 5th U.S. Army to put together the original quick reference listing of subjects to directives. This edition is the fourth update of that original listing and, while it may not contain every possible subject you may run into, it's a good start in that direction. And now, properly armed, it's back to the "campfire" to dazzle your buddies—unless, of course, they also have a copy.

Al Cargen is currently owner of the Aviation Safety Organization headquartered in San Antonio, TX. His organization compiled the basic information and provided it free of charge to the Army Safety Center.

NOTE: The information is intended to serve as a quick reference. Because of the changing nature of publications, only the basic reference is noted in most cases (annotations to page and paragraph numbers have been omitted unless considered critical or to avert possible confusion).

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described **briefly** above. Technical Documents must be assigned distribution statements.

Cynthia Gleisberg
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A

Acceptance inspection: FM 1-511; TM 1-1500-328-23

Accessories: TM 1-1500-328-23; aircraft component replacement and reuse procedures

Accident classification: AR 385-40; DOD Supplement 6055.7

Accident prevention program duties: AR 385-95

Accident prevention surveys: AR 385-95; Guide to Aviation Resources

Management for Aircraft Mishap Prevention

Accident reporting and investigation: AR 385-40

a. Investigation authority: AR 385-40

b. Safeguarding mishap information: AR 385-40; AR 385-95

c. Investigation responsibility: AR 385-40, chapters 1 and 5; AR 385-95

d. Participating in a military or civilian aircraft accident safety investigation: AR 95-30

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Aerial flight, personnel requested to make: AR 95-1

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Aerial recovery kit: TM 55-1670-251-20 & 20P

Aeronautical Services Office: AR 95-2

Aeronautical training for flight personnel: FM 1-301

Aircraft defueling: FM 10-68

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Annual requirement and qualification: AR 95-1; appropriate ATM
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b. XM156: TM 9-1090-204-12
c. M23, M24, M41: TM 9-1005-262-13
d. Tow MK45: TM 9-1370-201-12
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Army aircraft PM inspection system: TM 1-1500-328-23 (Transfer
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420-90
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AR 672-74

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Batteries, nicad: TM 11-6140-203-14-2
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Bearing: TM 55-1500-322-24 (Maintenance of Aircraft Anti-Friction
Bearing), page 3-59
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Boards, flight evaluation: AR 600-8-1; AR 600-105; AR 15-6
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Briefing, flight: Chapter 8, appropriate dash-10: FM 1-300; AR 95-1
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Calibration series: TB 55-4920 series
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Civilian VIP passenger: AR 95-1; DOD 4515.13R
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Cleaning procedures for Army aircraft: TM 55-1500-344-23
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Color and marking of military vehicles, construction equipment, and materiel-handling equipment: TB 43-0209
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Commander's responsibility for Army aircraft: AR 95-1; AR 385-95
Commander's responsibilities (Army aircraft accident prevention, investigation, and reporting is a command responsibility): AR 385-95
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Compasses, mag and RMI, calibration schedule and procedures: TM 11-4920-292-15
Component repair kits: TM 1-1500-328-23
Component replacement: TM 1-1500-328-23 (aircraft component and replacement and reuse procedures)
Component: TM 1-1500-328-23, section 7 (to be installed and retained with uninstalled aircraft engine); DA Pam 738-751 (components requiring maintenance management and historical data)
Components removed from crash-damaged aircraft: TM 1-1500-328-23
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Crash facts message (PRAM): AR 385-40

Crash investigation kit, T/K: NSN 5180-00-903-1049; SC 5180-99-CL-A11; AR 385-95
Crashworthiness, light fixed and rotary wing aircraft: Mil-STD-1290(AV)
Crash site security: AR 385-95; FM 1-513
Crew endurance and flight limits: AR 95-1
Cube: TB 55-46-2 (Standard Characteristics (Dom & WT & Cube) for Transportability of Military Vehicle and Equipment)
Currency requirement, pilots: AR 95-1; appropriate ATM

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Freight: TM 38-236 (Preparation of Freight for Air Shipment)
Fuel: TM 55-9150-200-24 (Engine and Transmission Oils, Fuel and Additives for Army Aircraft)
Fuel and oils and additives for aircraft: TM 55-9150-200-24
Fuel disposal: FM 10-68
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Fuel spills: AR 200-1; FM 10-71, change 2; AR 420-90
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Ground operation of aircraft: AR 95-1
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Ground support equipment: TM 55-1500-204-23-1
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Grounding of aircrewmember, drugs, shots, blood donations: AR 40-8
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Grounding of equipment: FM 5-511; TM 55-1500-204-23-1
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Hazard, grounding of test equipment and electrical equipment: TM 1-511; TM 55-1500-204-23-1; National Electrical Codes ART 250-45d
Hazard, operational report (OHR): AR 385-95
Hazardous cargo in military aircraft: AR 95-27; TM 38-250
Hazards, physical, identified and color coded: AR 385-30
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Health hazard control laser radiation: TB Med 524; AR 40-46
Hearing conservation: TB Med 40-501; FM 1-301
Helicopter external loads: FM 55-450-3, -4, -5
Helicopter and airfield air traffic activity report: AR 95-2
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Hellfire missile equipment, AH-64A: TM 9-1427-475-20
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Helmets, use of: AR 95-1; DA Pam 40-501

Helmets, flying, protective: TM 10-8415-206-12/P
Historical data for aircraft components requiring maintenance management:
TB 55-1500-307-24
Hoist rescue maintenance manual: TM 10-8415-206-12
Hot end inspection: TM 55-2840-234-24/2
Hot work permit: AR 420-90; DA Form 5383-R •
Human engineering design criteria for military system equipment and facilities: MIL-STD-1472
Human Engineering Design Data Digest: U.S. Army Missile Command, Redstone Arsenal, Alabama 35809
Human engineering requirements for military systems, equipment, and facilities: MIL-H-46855
Hurricane evacuation (aircraft): AR 95-87
Hydraulic mule: TM 55-4920-384-13&P

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Instructor pilots selection: AR 95-1; AR 385-95
Instrument flight examiner: AR 95-1
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Investigating and reporting of U.S. Air Force mishap: AF Reg 127-4
Investigation board, Army aircraft accident: AR 385-40; AR 385-95
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J-K

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Lifting devices, inspection, testing and maintenance: TB 43-0142 (Lifting/Stacking):
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6-112 (a-b)
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Stacking of boxes and crates: DOD 4145.19-R-1, para 6-109
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Maintenance of Army aircraft, organizational maintenance: FM 1-500
Maintenance concepts and policies: AR 750-1; TM 38-750; DA Pam 738-750
Maintenance expenditure limitation for aircraft: TB 43-0002-3
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Maintenance management (maintenance management and production control): FM 1-500
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Maintenance quality control and tech inspection guide for Army aircraft: FM 1-511 (Shop Inspection Procedures), p. 82
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- b. Mission scheduling
- c. Crew selection
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- e. Weather

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Operations, flight: FM 1-300

Order suspending flight status: AR 600-106

Orders:

- a. Maintenance test pilot: AR 95-1
- b. Taxi and runup: AR 95-1
- c. Tech inspector: TM 38-750
- d. Weight and balance: AR 95-3
- e. Property book officer (or representative): AR 710-2
- f. Maintenance officer: AR 95-1
- g. Test director: TB 43-0142
- j. Safety officer and NCO: AR 385-10
- k. FOD officer: AR 385-95

Orders for flight status: AR 600-106

Organizational and equipment tables: AR 570-2

Organizational maintenance for aircraft: FM 1-500

Overdue aircraft: AR 385-40; FM 1-300

Oxygen equipment, maintenance: TM 55-1660-245-13

Oxygen, requirement for: AR 95-1

Oxygen servicing: AR 700-68; TM 55-1500-204-23-1

P

Packing and handling deficiencies: DA Pam 700-3 (SF 364)

Paint storage: OSHA 1910.107; TB 746-3-2

Painting and marking of Army aircraft: TM 55-1500-345-23

Painting and marking of Army equipment: AR 750-1; TB 43-0209; AR 385-30

Parachute clubs, Army air support for: AR 95-1; AR 215-2

Parachute maintenance: AR 750-32; TM 10-1670-201-23

Parachute, use of: AR 95-1; FM 55-220

Parking and mooring of aircraft: TM 1-1500-204-23-1

Passengers of flying clubs: AR 215-2; FM 1-300

Pay, flight certification: AR 95-1

Penetrate inspection: FM 1-511

Personnel required to make aerial flight: AR 95-1

Photographic sets: TM 11-400

Photographic, marking, captioning: AR 385-95

Physical, flight: AR 40-501

Pilot-in-command of aircraft: AR 95-1

Pilot MOS awarded: AR 95-1; AR 611-101; AR 611-112

Pilot refresher training: appropriate ATM; AR 95-1

Pilot authority to fly Army aircraft: AR 95-1

Pilot authority to fly civilian aircraft: AR 95-1

Pinpoint distribution, aviation publications: AR 25-1; AR 25-30; DA Pam 310-10; DA Forms 12-31 and 12-36 (aviation and avionics)

Pitot-static system tester: TM 55-4920-320-30P

Planning and design of roads, airbases, and heliports in theater of operations: TM 5-330

Planning for permanent Army installations: AR 210-20

Planning of Army aviation facilities: TM 5-803-4

Planning terrain flight: FM 1-203

Plans, flight, disposition of: FM 1-300

POL-handling equipment and operations: FM 10-68; FM 10-69; FM 10-71 (tank vehicles)

POL inspecting and testing: FM 10-70

POL organization maintenance: FM 10-20

POL supply company: FM 10-427

POL supply and maintenance activities: DA Pam 25-30

POL tanker: FM 10-71

POL basic Army policies and procedures: DA Pam 25-30

Policies, digest of depot operation: DA Pam 25-30

Position report, VFR: AR 95-1; FLIP

Post-accident flight evaluation: AR 95-1

Preparation of equipment for shipment, color and marking: AR 746-1;
AR 750-1

Preparation for shipment:

- a. AH-64: TM 55-1520-241-S
- b. AH-1: TM 55-1500-339-S
- c. CH-47: TM 55-1520-214-S
- d. OH-58: TM 55-1500-338-S

Privileged information: AR 95-1; AR 385-40

Production control management: FM 1-500

Proficiency requirement: appropriate ATM; AR 95-1

Program safety: AR 385-10; AR 386-16 (system safety); AR 385-95; DA Pam 385-1 (unit)

Protective clothing: AR 385-10; AR 670-1; DA Pam 385-3; FM 21-18

Public affairs, public information: AR 360-5

Publications, ARNG: NGB Pam 310 (Each TOE and authorized -10 for each aviator/crew member, each aircraft, each AASF (military publications admin guidance for ARNG)

Publication, technical in aircraft: DA Pam 25-30

Purging of fuel cells: TM 55-1500-204-23-1

Pyrotechnic, military: TM 9-1300-200; TM 9-1370-202-12P; TM 9-1370-203-20; TM 9-1370-207-10; TM 9-1370-208-10; TM 55-1500-204-23-1

Q

Qualification training in Army aircraft: AR 95-1; appropriate ATM.

Qualification: AR 95-1

Qualification of nonaviator personnel: AR 95-1

Quality control and technical inspection guide for Army aircraft: FM 1-511

R

Radiologic, laser health hazard control: TB Med 524; AR 40-46

- a. Radioactive material, aircraft: TB 43-0108
- b. Radioactive protection officer: TB 43-0108 (handling storage and disposal of self-luminous aircraft instrument and markers of aircraft engine ignition exacter unit containing radioactive material)

Ramp check: FM 1-300; AR 385-95 (ramp check required daily)
Rates, accident: AR 385-40
Rating (efficiency report of aviation safety officer): AR 623-105
Records, aircraft: DA Pam 738-751
Records and forms (TAMMS): TM 38-750
Recovery, aircraft: FM 43-5; FM 1-500; FM 1-513
Reflective tape marking: TM 55-1500-204-23-1
Refresher training, pilot: appropriate ATM
Refueling operations: FM 10-68
Relations, community: AR 360-61
Release of accident report information: AR 27-40; AR 385-40
Repair cost estimates: TB 43-0002-3
Repair kits, aircraft components: TM 1-1500-328-23
Repair limitations for Army aircraft: TB 43-0002-3
Reporting procedures, aircraft accident: AR 95-1; AR 385-40
Reporting, file time: AR 25-400-2
Required equipment (IFR): AR 95-1
Required equipment (VFR): AR 95-1
Research and development, human factors and social science research:
 AR 70-8
Research and development, test and evaluation during research and
 development of materiel: AR 70-10
Reserves, maintenance of equipment: AR 750-1
Rescue and firefighting procedures in theater of operations: TM 5-315
Respiratory protection program, Army: AR 11-34
Restriction of passengers during flight: AR 95-1
Reusable aircraft container: TB 55-8100-200-24
Rockets:
 a. 2.75: TM 9-1340-22-20
 b. M20A1: TM 9-1055-201-35
 c. M270: TM 9-1425-646-BD
 d. XM202: TM 3-1055-218-12
Rubber stamp inspectors: TM 38-750, chap 10, para 5
Runup of aircraft by nonrated personnel: AR 95-1

S

Safety belt and shoulder harness: AR 95-1; TM 55-1500-204-23-1
Safety council: AR 385-10; AR 385-95
Safety council, enlisted: AR 385-95

Safety of flight message: AR 95-1; AR 95-2
Safety management, unit: DA Pam 385-1
Safety procedures (pilot): AR 95-1
Safety program: AR 385-10; AR 385-40
Safety program, Army: AR 385-10
Safety rules for flying display: AR 360-5; AR 360-6; DOD 4515-13R
Safety schools: AR 385-95
Safety signs: AR 385-30
Safety color code markings and signs: AR 385-30
Safety survey: AR 385-95; Guide for Improved Operational Readiness
Through Mishap Prevention (USASC)
Safety wiring (electronics): TM 1-1500-328-23; appropriate aircraft II
series manual
Safety wiring: TM 55-1500-324-23-1 (on emergency devices); TM 1-1500-
328-23 (first aid kits)
Seatbelts in vehicles: AR 385-55; AR 600-55
Security, crash site: AR 385-95
Shipping, improper: DA Pam 700-3 (SF 364)
Shoes, taps on: TM 55-1500-204-25/1
Shots, blood donations, drugs, grounding of aircrew: AR 40-8
Sign, "NO SMOKING" and "DESIGNATED SMOKING AREA":
AR 600-63
Single-engine operation: AR 95-1
Signals, visual: FM 21-60
Sky diving, use of Army aircraft in support of: AR 95-1
Sling inspection: FM 55-4501/2
Slingloads: FM 55-450-3, -4, -5; FM 1-500; FM 1-513; TM 55-1670-
251-20P
Slippage marks: TM 55-1500-204-25/1, chap 3
Sludge in engine oil (recep): TM 55-1500-204-25/1 (oil treatment of recept
engine)
Smoke detection system: AR 420-90
Smoking by aircrewmen: AR 40-8; AR 95-1; AR 600-63
Smoking in shops, garages or motor pool: AR 385-55
Smoking, designated areas: AR 600-63
Snow removal on landing strips: TM 5-330
Spark plugs and igniters: TM 55-1500-204-23-1; TB 55-2925-200-25
(spark plug service and maintenance instruction and list of approved
spark plugs and igniters for Army aircraft spark plug copper runout)
Spectrometric oil analysis: AR 750-1; AR 750-43; TB 43-0106
Staff responsibility: AR 385-40
a. Command safety director

- b. Aviation officer
- c. Aviation safety officer
- d. Army aviator
- e. Aviation maintenance officer

Stamps, FOUO markings on all contents of accident report: AR 385-95

Stamps, rubber, inspectors: TM 38-750, chap 10, para 10-5

Standard maintenance: TM 55-1730-201-12, tube B-1 (NSN 1730-00-390-5618)

Standardization, pilot: AR 95-1; ATM; operators manuals

Standardization program: AR 95-1

Statement, witness: AR 385-95

Static displays: AR 360-5; AR 360-61; DOD 4515.13R

Storage, ALSE equipment: FM 1-508

Submerged aircraft: TM 55-1500-344-23

Supervision: AR 385-95

Supervision, ATC facilities operations: AR 700-4

Support, manual: AR 11-22

Surveys, aircraft accident and prevention, responsibility and authority:
AR 385-95

Survival kits, Army aircraft: TM 55-1680-317-23&P

Survival, unit training: AR 350-30; FM 21-76

System safety (DOD): Mil-Std-882A; AR 385-16; DA Pam 385-16

Sympathy, letter of: AR 600-8-1-6

T

Tag, identification, wearing of: AR 95-1; AR 640-3

Tagging of first aid kits: TM 1-1500-328-23

TAMMS-A, The Army Maintenance Management System (Aviation):

DA Pam 738-751

Tail rotor balancing machine: TM 55-4920-321-15

Tanker, POL: FM 10-71

Tape, reflective marking: TM 55-1500-204-23-1

Taps on shoes: TM 55-1500-204-23-1

Tasks and functions of USASC: AR 10-88

Taxiing of Army aircraft: AR 95-1

Teardown and analysis: AR 385-95

Technical publications in aircraft: DA Pam 25-30

Technical inspection, maintenance quality control guide for Army aircraft:
TM 1-511

Temporary flying restriction due to exogenous factors: AR 40-8
Terminal air navigation and ATC facilities and procedures: AR 95-2
Terminating pilot active-duty status: AR 135-175
Test flights: FM 1-511; TM 1-1500-328-23
Test pilots, maintenance: AR 95-1; TM 1-1500-328-25
Testing program, blood and urine (alcohol and drug abuse prevention):
AR 600-63; AR 600-85
Tires, aircraft: TM 55-2620-201-24 (selection criteria for aircraft tires to be
returned for repair and retread, aircraft tires); TM 55-1500-204-25/1
(storage)
Tires, aircraft and inner tubes, inspection, maintenance, storage, disposition,
and application: TM 55-2620-201-24
Tools: TM 9-243; TM 55-2840-229-23; TM 55-2840-233-24; TM 55-2840-
234-24/2
Tools, identification and marking: AR 710-2
Training, Army: AR 350-1
Training, aviation personnel: AR 385-95
a. IP selection
b. Standardization
c. Combat readiness flying
d. New aircraft
e. Climate and terrain training
f. Survival
g. Safety meeting
h. Supervision
Training and qualification in Army aircraft: appropriate ATM
Training of drivers of POL tank vehicle: FM 10-68
Training, single-engine operations: AR 95-1
Transport: FM 55-450-3, -4, -5 (external transport procedures)
Transport: FM 55-450-2 (internal transport procedures)
Transport, aerial recovery: FM 1-513
Treatment (medical) of aircrewmen: AR 40-8
Troubleshooting and repair of radio equipment: TM 11-4000

U

Unit-level aviation safety requirement: AR 385-95
Unit safety management: DA Pam 385-1
Unit safety meeting: AR 385-95

Urgency and distress signals: DOD FLIP; IFR Enroute Supplement; FAA

Airman's Information Manual

Urine sampling (drug abuse): AR 600-85

Use of airports: AR 95-1

Use of Army aircraft: AR 95-1

USASC assistance: AR 10-88; AR 385-95

USASC mission authority: AR 10-88

V

Vehicles:

Sleeping under vehicles: DA Pam 385-1

Vehicle spacing: DA Pam 385-1

Preparation for towing: TM 9-4910-593-12&P

Length of tow bar: TM 9-4910-593-12&P

Lifting and towing vehicle: TM 9-4910-593-12&P

Handling cables: FM 20-22

Use of safety keys: FM 20-22

Inspecting rigged equipment: FM 20-22

Operator/driver safety (latches): FM 20-22

Guide or signalman: FM 20-22

Towing tracked vehicle: FM 20-22

Wrecker vs. recovery vehicle: FM 20-22

Maximum driving time: AR 385-55

Jumping from vehicle: AR 385-55

Training responsibility: AR 385-55

Vehicle, driver selection, testing, licensing: AR 600-55

Vehicle, fuel leaks: AR 385-55 (no Army vehicle will be operated unless it is entirely free of fuel leaks)

VFR and IFR composite flight plans: AR 95-1; DOD FLIP

VFR flight rules: AR 95-1

VFR required equipment: AR 95-1

VFR weather requirements: AR 95-1

Vibration: TM 55-4920-243-15 (maintenance kit, T53, T55, and T63, NSN 4920-00879-0331

Vibrex balancing kit inspections: TM 55-4920-402-13&P

Violations, reporting flight: AR 95-1

VIP civilian passengers flight authorization: AR 95-1

Visual hand signals: AR 95-1

W-X-Y-Z

Waivers to annual requirements: AR 95-1

Warrant officer MOS: AR 611-112

Waste oils: AR 385-30; FM 10-69 (paint head of drum yellow and mark waste product and indicate actual product stored)

Water, aircraft submerged in: TM-55-1500-344-23

Water safety: AR 385-15

Weapons handling:

Carrying of firearms: AR 190-14

Loaded/unloaded weapons, carrying: FM 23-35

Weather briefing, flight plans: AR 95-1

Weather (meteorology) for Army aviation: FM 1-300

Weather officer (AF): AR 115-10/AFR 105-3 (MET Support for U.S.Army)

Weather, reporting of unforecast conditions: AR 95-1

Weather, requirement, VFR: AR 95-1

Weather, requirement, IFR: AR 95-1

Weighing kit, aircraft: TM 55-6670-200-14; TM 55-6670-201-14P

Weight: TB 55-46-1 (standard characteristics COM-weight-cube for transportability of military vehicle and equipment)

Weight and balance: AR 95-3; TM 55-1500-342-23

Weight testing of lifting devices: TB 43-0142

Wing, Broken Wing Award: AR 672-74

Wire strike avoidance: FM 1-300

Witness statement: AR 385-95